

THE EMPRESS EXPRESS

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EMPRESS, ALTA THURSDAY, Aug. 27, 1936

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United Church

United Church order for Sunday, August 30, 1936:
Empress Sunday School at 10:30 a.m.
Church Service, 7:30 p.m.
Wainfleet, 2:00 p.m.
Mayfield, 4:00 p.m.
Rev. A. T. Bell, pastor.

St. Clare-Watering Dams

When planning to build stockwatering reservoirs there are a number of points that should receive consideration. One who is going to build a dam should observe the extent of the spring runoff on various water courses and build the dam accordingly. A large runoff area is not necessary. At the Range Station, permanent supplies of water have been obtained on areas of less than a half section.

It is not necessary to build large dams, thus creating big lakes for stockwatering purposes. A reservoir is no more valuable than the amount of range it will satisfactorily serve. Cattle cannot walk more than two miles to water and maintain normal gains. In hilly country the radius around a water hole is even less than this. Hence, a number of small, yet permanent reservoirs in a certain area of land are much more economical than one large reservoir on the same area. Better utilization of the pasture is obtained when smaller reservoirs are properly distributed.

A reservoir should contain at least eight feet of water, but ten to twelve feet is safer. If there is less than eight feet at full supply level, the water may become polluted in a dry season, and the mud and silt may become a breeding ground for parasitic diseases. Tests at the Range Station over the past seven years show that from

Social Credit Picnic at Brooks

The Social Credit Picnic held at Brooks, Alta., on August 17 drew an attendance estimated at 2,400 people. Premier Aberhart who was present, said in the course of his address, "that 'prosperity certificates' which are used only in remote areas when actual social credit is put into operation. He expected that the system will be working some time in October, as soon after the third as possible, and that citizens who have registered will then receive dividends."

"Alberta credit" will take the place of certificates. By the use of their own credit, citizens will have dividends credited to them in the state credit house, and will be able to issue a form of cheque on that account."

"It is now understood that the Premier has received the statement of date of issue of dividends, this will not be likely to take place until some time in November."

April to November inclusive, reservoirs have an average of four feet of water by evaporation, seepage and what the cattle drink. In a depth of ten feet there is little danger of pollution in six feet remaining. Summer rains are frequently heavy enough to freshen the water and to bring the dam up to full level again.

Clay soils make the best dams but loam and sandy soils are satisfactory. In moving dirt for the embankment, particularly where seepage is expected, if there is any indication of there being sandy or gravelly layers in the basin of the reservoir below the surface soil, it is advisable to leave this soil entirely alone, and move the dirt from the sides where it will not interfere with the holding capacity of the dam. Test holes should be dug several feet in a number of places to find out the type of soil. When one is

Heavy Rainfall

Since First of Week
Precipitation on Tuesday the Heaviest Recorded Over Number of Years

Bringing hope to farmers and citizens alike, heavy rains since the first of the week, definitely broke a long and depressing period of drought. On Sunday night there was a light fall of .02 inch; over Monday night the gauge recorded 22 inch and Tuesday and over Wednesday night until 7 a.m., rain fell in copious showers, the official gauge at the C.P.R. depot recorded 2.42 inches. Skies still are cloudy with promises of further heavy precipitation.

While this rainfall comes at a late season in the year it will bring renewal and optimism at a trying time to settlers and citizens alike. Pastures will be benefited immeasurably by the richness of the precipitation. Potatoes and other late vegetables will be helped. Some morrowland reserve moisture will be better than for some years. Fall ploughing which had become impossible on account of the continued dryness can be proceeded with.

sure that there is no sand or gravel it is possible to increase the water holding capacity of the reservoir by excavating from the basin of the reservoir. Seepage and percolation is usually greater for the first year or two after the dam is built. After this time the soil becomes puddled and the amount of seepage is not so great. There is generally always some seepage through a dam, however.

A Shift in Productive Ability

For a long-range contest, put 1936 against 1787, the year the Constitution was framed. Then it took 19 persons living on farms to produce enough for themselves and for one person in town. Today, 19 persons can produce enough for themselves and for 66 living in town. This is a shift of great magnitude than took place in the 10,000 years previous to 1787.—Henry A. Wallace.

Maxie Pawlek left for Medicine Hat, on Wednesday, where he will be with some of his examination subjects.

The Cutdown and Grasshopper Situation

Below is the text of a letter sent to Mr. David Lush, M.L.A., Empress from the Dept. of Agriculture, Entomologist Lab., Ontario, Lethbridge:

"I am in receipt of your letter of August 24th, requesting a check up of the cutdown and grasshopper situation in the interests of Empress, Bindloss Junior district. The cutdown situation in this district has already been checked. We expect severe cutdown trouble along the Alberta-Saskatchewan border, from Greenhead on the north, to Walsh on the south, and extending as far west as Patricia and Youngstown. This takes in the entire area in which you are interested."

"It is too early at present to make the grasshopper survey, but this district will be visited in the course of our regular survey, sometime in the next three weeks or a month, and we usually cover the entire grasshopper area of the province, making this survey each year. Throughout all these districts the land should be left alone as much as possible until the month of September to avoid infestation by Pale Western Cutworm."

Cultivation to destroy grasshopper eggs, particularly on land to be cultivated next year, should not be begun until after the beginning of September."

Dees Hope of No More Drought in U.S. North Central Area Till 1980

Washington, Aug. 19.—amid government moves to a mounting total of drought-ridden farmers, the Smithsonian Institution Wednesday held out a hope that another major dry period may not strike the north central grazing area of the United States until 1980. From an analysis of water level records of the Great Lakes since 1837 the Smithsonian concluded that the drought area now "is near the bottom of what appears to be a 40 year precipitation cycle in some way associated with cyclic variation in the radiation output of the sun."

Under the Abbot theory, temperature and precipitation variations at any particular place have a tendency to repeat themselves every 23 years, and the most extreme variations repeat at 46 year intervals. The Smithsonian contends this hypothesis has been borne out in

Legislature Convenes For Special Session

A special session of the Alberta legislature convened in Edmonton, Tuesday. Bills being dealt with number about six, some being minor amendments to existing statutes. Chief bills are one to give the government executive power to institute social credit and another to amend the debt adjustment act. Prorogation is expected to take place on Friday.

Hanna Liberals Urge Early Work on S. E. Dam Projects

Urging an early start by the federal government upon construction of dams throughout central Alberta, a meeting of members of the Hanna Liberal Association was held Thursday evening in the National Hotel, and a telegram was forwarded to Hon. J. G. Gardiner, Minister of Agriculture, at Ottawa, by the Hanna Herald. The telegram reads as follows:

"Hanna, Alberta, August 13, 1936
Hon. J. G. Gardiner, Minister of Agriculture, Ottawa, Ont.
At a special meeting of this association held tonight, to which Mr. J. Vallance was invited, consideration was given to the pressing problems facing the farmers and stock growers of the north central section of this province, particularly referring to that country north of the Red Deer River. Our opinion is that the only solution is an early start on irrigation and stock watering projects. Sufficient engineering work has already been done to prove the feasibility of several projects lying south and east of here with particular reference to the Hartman project on East Berry Creek, located on Sec. 3 25 11 4. We strongly urge that work be started at once in order that projects may be in operation to care for next run-off and to ease a very serious relief problem. Important feature of construction referred to is that cost is made up almost entirely of labor. We respectfully draw your personal attention to this urgency and offer closest cooperation. We would be glad to show you over the area particularly in the north central section of the province."

Increasing annual dryness of the drought area since 1919 which it said was the starting point of a 23 year complete cycle.

St. Mary's Anglican Church

No service this week. Rev. and Mrs. J. S. Parks Vicar, are absent on holiday trip.

Automatic "Stoker"

Facies Service Test On Toronto Farm

Toronto—An automatic "stoker" is to be attached to the ordinary farm binder, which the inventor, Henry Smith of this city, claims will "stoke" stoves as easily as they come from the binder harvesting machine, will be given a thorough test this fall on the farm of a Burnhamthorpe farmer, it has been learned.

The apparatus, explained the inventor, is designed to catch seven or eight shovels of grain as they come from the binder, and dump them on the ground, neatly piled against each other. In appearance the machine resembles the shovel of a steam shovel, though much more lightly built. The grain comes in bound sleeves from the tail board of the binder, and seven or eight of them are run up a chute into a large shoot-iron shovel, through which the grain comes together. Any odd shovels could be picked up and added in a short time, and the device will allow one man to do the work of two in the harvest fields.

In handling grain too short to be bound properly Mr. Smith said that the machine would carry it along in the cradle, and dump it at the control of the operator in orderly piles.

Mr. Smith has developed other devices for aiding farm labor, including a potato-piling machine, and says he has been working on the stoking machine for the past twelve years.

Div Superintendent Eos, of the C.P.R., was a visitor in town, Wednesday, making the journey in his private railroad car.

sonally if western trip possible.

Hanna Liberal Association, Robert Lyle, President

E. A. Laughlin, Sec'y.

"J. Vallance who is in charge of the Prairie Farm Rehabilitation work throughout the west, attended Thursday's meeting of local Liberals and conveyed the assurance that conservation projects throughout the south and west would likely receive approval as soon as Mr. Gardiner had the opportunity to review reports from the areas affected."

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GRECIAN DICTATOR

Civil War in Spain Continues With Increasing Ferocity

London.—After a month of fighting, the civil war in Spain rages with increasing ferocity.

Both sides are shooting prisoners ruthlessly. In Madrid alone 733 insurgents and supporters, including priests, were reported shot by government militia. Seven thousand others were under arrest.

The Foreign Legion and Moorish troops drive the rebel cause steadily forward, mopping up villages as they go.

Both France and Britain left-wing critics are increasingly bitter. They see Spain overrun with fascism while great democracies vainly struggle for agreement. They see looming ahead a fight to a finish between the opposing philosophies of dictatorship in a totalitarian state and the French Republican doctrine of the rights of man.

Fifteen thousand men and women marched in Trafalgar square Sunday and passed a resolution pledging assistance to the Spanish government and people "in their courageous and resolute struggle." The contingents represented the Labor party, the Communist party, Youth leagues, Women's Co-operative leagues and Socialist leagues.

In the procession were women pushing baby-carriages. Some of the carried children for their mothers. As they passed Charing Cross station, a number of demonstrators raised a clenched hand in the Communist salute. A show of force fell on the platform when an appeal was made for the Spanish relief fund.

First Boat At Churchill

Wentworth Arrives With Heavy Cargo For Prairie Cities

Churchill, Man.—Activities at this northern port have been busy since the first of the month. The arrival of the steamer Wentworth, the Wentworth, docked August 10.

The steamer had 1,000 tons of general cargo to discharge here, including coal for Churchill and other northern points, large castings and steel grinding balls for mines in northern Manitoba, glass and other merchandise for prairie centers.

Captain L. Graves, a veteran of the Churchill route, reported a quiet voyage from England with a delay of one day owing to fog. The cargo was won't head loading about 310,000 bushels of wheat for Europe.

Interim Injunction To Restrain Edmonton Using Certificates

Edmonton.—Restraining the city of Edmonton from accepting or undertaking to accept property certificates from the Alberta government, an interim injunction was granted here by Mr. Justice T. M. Twiss of the Alberta supreme court.

Ronald Hanson Wason, Edmonton mining engineer, "suing on his own behalf as well as other burgesses of the city," asked for the injunction in a statement of claim. Defendants named were Mayor Clarke of Edmonton, City Clerk Alfred Russell and Hon. J. W. Huggill, K.C., as attorney-general of the province.

"The city of Edmonton" is prevented by the injunction from any agreement with the government of the province of Alberta whereby the city of Edmonton accepts or undertakes to accept property certificates from the government or from any other person or persons until the trial of this action or until further order.

The injunction does not restrain citizens of Edmonton from accepting certificates.

The injunction barred Edmonton from signing an agreement with the province whereby the government would give the city \$50,000 in certificates in lieu of the \$50,000 August cash relief grant expected, city council agreed to accept the province's offer.

According to the province's offer, the city of Edmonton would agree to purchase \$50,000 worth of certificates with the cash grant. The province would give the city an additional \$50,000 in certificates which Edmonton would guarantee to keep in circulation for the next two years or in effect until the certificates had expired.

Made Indian Chief

Lord Tweedsmuir Is Accepted Into Cree Brotherhood

Card, Sask.—Accepted into the Cree brotherhood, Lord Tweedsmuir, governor-general of Canada, became Chief Okemow Ottawewuk—"Teller of Tales"—at a brilliant Indian ceremony here. There were 5,000 spectators as Chief Sam Swimmer of the Sweet Grass band, nephew of the great Poundmaker, who led the Indian uprising on these plains 51 years ago, placed the feather head dress on the head of the governor-general and placed about his shoulders a fine white caribou skin.

The Indian chiefs also presented Lord Tweedsmuir with a beautifully beaded robe as a coronation gift for His Majesty the King. In addition they created Prime Minister W. L. Mackenzie King an honorary chief, naming him Otensewe Wewewewuk—"Wise Counsellor."

The visit of the governor-general, Lady Tweedsmuir and their party was a highlight of the two-day celebration to mark the 60th anniversary of Treaty No. 6, signed at Carlton, by which the Indians ceded their lands to Queen Victoria.

Carlton, a fair trading center of 80 years ago, was the mecca of Indians from all over the north for several thousand while people who joined with them in marking the anniversary of the historic event.

The solemn, dignified ceremony, by which Lord Tweedsmuir became a Cree chieftain, took place on a platform erected with a poplar grove for a background. Following the actual conferring of chieftainship and acceptance into the Cree nation, 50 Braves staged a pow-wow dance before the platform.

His Excellency addressed a few words to the assembled Indians in their Cree tongue, then continued in English. In Cree he said: "Brother, I am most happy on this occasion. You have done me great honor in taking me into your brotherhood."

Find Sunken Steamer

Moscow.—A reminder of the Allied army intervention in Russian affairs was recalled here by the discovery near Archangel. A diver working the Dvina river found a large English steamer overturned and half covered with ice. The Soviets will attempt to raise it.

Charles H. Grant, K.C., solicitor for Mr. Watson, said the claim of illegality is based on the ground that the issue of certificates violating the British North America Act rather than the Canada Bank Act. The certificates are ultra vires of the province because the province attempts to handle currency or money, which is outside the powers of the province, Mr. Grant said.

Declaring that by the scheme endorsed by city council, Edmonton agrees to accept \$30,000 in certificates from the province, and that the certificates are not redeemable for two years, the statement said this constitutes a debt and by law two-thirds of the burgesses must assent in contracting any city debt not payable within the current year, "and the effect of the agreement is to make the city liable for a debt not payable within the current year."

When asked to comment regarding the injunction, Mayor Clarke said he would call a special meeting of the city council to decide on what action was necessary.

We are getting \$50,000 to help the relief situation and when these men apply for an injunction like that they are acting scandalously against the best interests of the city," said Mayor Clarke.

"They are just trying to create some trouble to follow up the trouble they created when they were in power. They are going as far as they can to bring disfavor on the city," 2164

Selassie Is Hopeful

Believes He Can Re-establish His Ethiopian Kingdom

Bath, England.—Emperor Haile Selassie is resting at this seacoast resort, hoping some day to re-establish his Ethiopian kingdom.

The negus apparently is more cheerful than at any time since the League of Nations gave a cold shoulder to his plea for financial assistance. He has taken heart, his spokesman said, by reports that remnants of his armies are operating in western Ethiopia and hope to retake Addis Ababa.

"I am in a strong position with an established staff of government at Addis," the negus' representative asserted. "The chief difficulty in that we are unable to import munitions." The negus, who sought refuge after the diplomatic defeat at Geneva last month, planned to remain several weeks more formulating a program of retreat and awaiting developments in Ethiopia. He is not going to America in search of sympathy, his representative said, but there was no definite assertion he had abandoned plans for the trip entirely.

Fatal Crossing Accident

Eighteen Killed And Fourteen Injured In Quebec Crash

Louisville, Que.—A fast freight rumbling from Quebec to Montreal struck a truck load of men returning from a political meeting early Saturday, killing 18 and injuring 14. The other five men in the truck load of 37 jumped clear an instant before the crash.

Dragged along the right-of-way as the train ground to a halt, the truck burst into flames.

Tramways ended in dragging the dead and injured from the blazing wreckage of the truck.

Scattered amid the debris were 17 dead, and one of the injured died later in hospital.

Several of the injured rushed to hospitals in Three Rivers, 15 miles east, were reported in critical condition.

The occupants of the truck had attended a contradictory political meeting at St. Justine in Maskinonge county, and were on their way home to Louisville.

The dead were carried to a nearby garage which served as a temporary morgue while identification proceeded.

Drowned On Vacation Trip

American Professor Meets Death In Rapids Near Akivik

Edmonton.—A Canadian Airways aerobase was standing by at Akivik to fly the body of Professor Leslie Fuller, 55, Chicago, to civilization. The Northwestern University professor was drowned in rapids near Akivik while on a northern canoe trip with his two sons and two friends.

Edmonton officials of the aviation company said that the body may be flown out to Dawson City, only 500 air miles from Akivik, instead of to Edmonton as originally planned. Akivik is 1,800 miles from Edmonton by air.

THE OLYMPIC FLAME



A runner leaving the Acropolis at Athens, Greece, with the torch whose flame was carried by relay runners across Europe to Berlin for the opening ceremony of the Olympic Games. In their picturesque costumes, holding flags of the 53 nations taking part in the games.

Coalition Between Social Credit And Bracken Party

Bear Name Of King Edward

Officials Have Renamed Island Harbor In Yugoslavia

Sibinje, Yugoslavia.—An island and harbor in Yugoslavia bore the name of King Edward as His Majesty cruised in vagabond style along the Dalmatian coast.

The King abandoned his nautical vacation for a time to go ashore at Rab where he purchased dolls in native costume, talked economics with the shopkeepers and refreshed his memory of the locality's history.

Officials renamed Rasko Otok King Edward Island and gave to Tejar harbor the King's name.

Early in the day the royal yacht Nahlin steamed away full speed for Stagnated, 25 miles north, where the King was declared to be planning a deer hunt in the Velebit mountains. Wherever he appeared—and was recognized—he received cheers from the populace. At one stop, however, fishermen were not aware of his identity, believing him a naval officer from a passing ship.

The King fished until midnight and caught two large "dentallfish," weighing approximately eight pounds.

Devastated By Fire

Location For "The Great Barrier" Film Swept By Flames

Revelstoke, B.C.—One of the most beautiful of all the Rocky Mountain scenic spots, used a short time ago as the background for the Gaumont British motion picture, "The Great Barrier," was devastated by fire.

Where movie cameras "shot" the stirring scenes of the west's railway construction period, fire was laying waste the heavily timbered slopes of the Columbia canyon at Silver Tip, fully eight miles from here.

The blaze was believed started by a careless cigarette smoker. A wooden platform used to obtain a better view of the falls was destroyed. Only a blackened mountainide remained, and the fire, fought by a large force of men, was licking its way through the timber toward the higher reaches of Mount Revelstoke.

Queen's University Appointment

Saskatoon.—Graduate of the University of Saskatchewan with a brilliant record Rhodes scholar and since 1927 member of the law faculty here, Prof. J. A. Corry has received an appointment as assistant professor of law in Queen's University, Kingston, where he takes the chair formerly occupied by the Hon. Norman Maclean, minister of justice in the federal government.

Edmonton.—Premier Aberhart announced a special session of the provincial legislature to deal with measures for insuring Social Credit and discuss the drought situation in the southern part of the province would start August 25.

London.—In a message to the Daily Telegraph from Gibraltar, Sir Percival Phillips, noted newspaper correspondent says he learns from an observer, General Francisco Franco's southern rebel army based at Seville will shortly be supported by a new organization comprising modern German and Italian planes and personnel.

This observer learned from a source he considers absolutely trustworthy that General Franco has ordered 20 Junker transport planes, five German pursuit machines, with original markings erased with black paint, and several Caproni planes of the type the Italians used with deadly effect in Ethiopia.

Sir Percival's despatch continues: "The observer also saw a German expert training Spanish gunners in the use of an anti-aircraft gun described to him as of the latest German type. He was told later six of these guns, with a range of nearly 4½ miles, recently were delivered at Seville."

"It was not unusual," the despatch continues, "to see one or two Junkers over Seville also on instructional flights. On one occasion he watched three Caproni in perfect formation on a certain alignment for which he was told was not usual for Spanish aircraft. He had the impression that the greatest number of Italian and personnel had arrived at Seville only in the last few days of the conference for the Spanish government's headquarters to discuss an aerial offensive against the government forces."

Lord Rothermere's Daily Mail continues its bitter attack on Communist barbarities in Spain. It charges the Madrid government "committed the worst crimes in history by arming the scum of Madrid and Barcelona and other Spanish cities, placing deadly weapons in the hands of criminals and accomplices of some sorts, even lunatics. It has thus encouraged ruthlessly gangs to murder and to loot and to burn."

Mr. J. Burford, in a letter to the Daily Telegraph from a London address, writes "I left Barcelona by car and testify to the extreme courtesy and assistance which we received from all these 'bloody rascals' whereby we were enabled to do the journey to the frontier in 3½ hours. They even went to the trouble of putting protective letters on the car to save possible trouble on the road and gave me an armed guard for a while."

Four multi-engine aircraft, says the British continued, had been ordered from Lisbon and Spain. The machines are: Two Pukers from Croydon, bound for Lisbon. It is understood they are making for rebel headquarters at Burgos; DH 84 type dragon machines from Heston airport, bound for Paris. They are believed to be flying to a conference for the Spanish government's headquarters to discuss an aerial offensive against the government forces.

Big Annual Savings To Poultrymen As Result Of U. S. Experimental Work

Savings of millions of dollars annually will accrue to poultrymen if experimental work by United States government scientists develops as expected.

The experiments have been conducted by H. C. Barott, agricultural department poultry technologist, over a period of 10 years and are said to have resulted in finding the optimum of favorable conditions under which eggs should be hatched.

For years, Barott has worked in his extensive laboratory at the Beltsville, Md., experimental farm with "calorimeters" in which he could measure exact air conditions—the amount of humidity, gaseous air contents and temperatures—so that over a long period he could determine what air conditions were best suited to hatching.

The results of his experiments are to be published in a detailed technical report, scheduled to be off the press in about two months.

Roughly, however, his experiments have shown that the ideal hatching conditions are: Temperature, 100 degrees; humidity, 60 per cent.; and gaseous makeup of the surrounding air, one-half of one per cent. carbon dioxide and 21 per cent. oxygen.

Barott experimented with temperatures ranging all the way from 90 degrees to well above 100 degrees, with humidity ranging from 80 to 87 per cent.; and with gaseous makeup ranging from less than one-half of one per cent. carbon dioxide and 15 per cent. oxygen to 10 per cent. carbon dioxide and 50 per cent. oxygen.

He worked with 100 eggs for each of his experiments. Highest percentage of chicks he obtained from a single group was 85, but was exceptional. He considered 80 chicks out of 100 eggs good, and thought a percentage would justify his long years of work.

Normal lengths of time to hatch chicks is 21 days. Barott found that raising the temperature slightly would increase this incubating period by 24 to 36 hours, but that raising the temperature just 1 per cent. would result in reducing the quality of the chicks by 20 per cent. Therefore, he concluded, it would be far better not to attempt to speed up incubation.

The "respiration calorimeters" in which Barott worked were specially-designed incubators, in which all conditions can be regulated to the right degree. Special electric grids allowed him to keep the temperature at exactly the point he wished it, an unusual air intake permitted him to make exact measurements of air conditions and to keep them at whatever point he wished.

They explained that few persons had gone into the question of hatching enough to devote years to the problem, and that if Barott's findings were put to actual use poultrymen undoubtedly would find they were producing a better quality chick as well as getting a larger percentage of chicks.

Some new type incubators, they said, in which the eggs are kept in tiers of shelves, probably can be adapted to making use of Barott's findings without much difficulty because air conditions can be controlled within the tiers. But small dealers who have old-type equipment and do not operate on an extensive scale, probably will not be able to put the findings into practice, they pointed out.

Nicely Put

A man and his wife had enjoyed their previous holiday on a farm so well that they wished to repeat it. The only thing that made them doubtful was that they had been somewhat annoyed by the close proximity of the pigsty to the house. Finally the man wrote to the farmer and explained the objectionable feature.

He received the following reply: "We haven't had any pigs on the place since you were here last summer. Be sure to come."

Settled For Him

A group of men were discussing evolution and the origin of man. One of the party remained silent, when a companion turned to him and demanded his opinion.

"It ain't goin' to say," he replied, "remember as 'bout seven years ago, I was out there with you, and I was the one who was the first to see the light."

"But what conclusion did you come to?"

"Well," he said slowly, "we didn't arrive at the same conclusion—no, we didn't. Henry says that the ape ain't me at the police station."

Analysis Basis Of Fertilizer Value

Farmers Should Be On Guard Against Fertilizer Products

Despite any selling talk to the contrary, the main basis of value of a commercial fertilizer is its analysis in plant food, that is its nitrogen, phosphoric acid or potash content. It frequently comes to the notice of the Fertilizers Division, Seed Branch, Dominion Department of Agriculture that salesmen, in those parts of Canada where fertilizers are not well understood, try to sell fertilizers that are not eligible for sale under the Fertilizers Act, or offer a low grade at about the same price as a higher grade fertilizer. Other buyers should be on guard against this.

For example, a superphosphate containing 16 per cent. available phosphoric acid is worth proportionately less than one containing 20 per cent., and the triple superphosphate containing 43 per cent. available phosphoric acid has more than twice the value of plant food, and, therefore, in dollars and cents worth more than twice as much as the 20 per cent. superphosphate per ton.

Each of these grades of superphosphate is being offered for sale in Canada at the present time, and should be bought on the basis of its available phosphoric acid content and not just as fertilizer.

The same basis of valuation should be employed for other fertilizers whether they be mixture, or single materials containing one of the three main plant foods, nitrogen, phosphoric acid and potash. Whenever doubtful as to the value of a fertilizer, buyers should communicate with the nearest Dominion Seed Branch, which enforces the Fertilizers Act.

No Set Study

Teachers Oppose Dominion-Wide Curriculum For Canadian Schools

Teachers will not endorse the study of a Dominion-wide curriculum for Canadian schools at the present time. This decision was reached at the 16th annual meeting of the Canadian Teachers' Federation held at Saskatoon. There was little discussion of the question.

Another resolution called upon the executive of the federation to seek teacher exchange arrangements with other provinces in the United States. The suggestion was that plans similar to present exchange agreements be worked out.

A resolution to put out a recommendation of the president that an honor roll for teachers who perform outstanding public service be instituted, was looked upon with disfavor by most of the delegates and was voted down.

The question of national scholarships was re-introduced and the resolution, directed to the federal government and one directed to the provincial governments were introduced and unanimously approved.

Could Be Used Today

Marble Cocktail Bar Has Been Found In Roman Ruins

Archaeologists have given the tourist agencies a real "talking point" in the effort to attract visitors to Ostia Antica, the ancient imperial seaport of Rome.

Years of propaganda had failed to bring visitors to Ostia, a city of interesting ruins and art treasures, but now—a bar has been unearthed! It is of marble, the same height as the usual soda fountain or cocktail bar, and with a little plumbing could be used today.

Besides numerous shelves and boxes for the amphoras of liquor, the bar has two special cavities—one of which is presumed to have been for ice and the other for a boiler.

Near the bar was found a statue of Hygieia, goddess of health—to whom, no doubt, patients of 2,000 years ago relied much a beaker.

Good For Many More

The retirement of Sir William Mulock from the post of Chief Justice of Ontario at the age of 92 recalls a story which was told some years ago when it was proposed to make him Lieutenant-Governor of Ontario. He was then approaching his 80th birthday.

"I'm only for four years," he exclaimed. "What would I do after that?"

One of the things you can't buy on credit is experience. 2164



JACK LOVELOCK

Religion In Greenland

Country Claims To Be Hundred Per Cent Professing Christian

Hans Egede, the Apostle to Greenland, was born on January 31st, 250 years ago. Greenland is one of the successful mission enterprises of the Lutheran Church. Every year, on All-Saints' Day, every congregation in Greenland celebrates the memory of Hans Egede and at Godthaab, there is a fine granite monument erected in his honor.

It is reported that on Pentecost Day, May 20, 1934, at Cape York, the last heathen in the whole land was baptized, so that the country is 100 per cent. professing Christian. Since Greenland belongs to Denmark, the Greenland Church is under the Bishop of Copenhagen. A provost is stationed at Godthaab and a vice-provost farther north. Seven Danish and fifteen Eskimo pastors are in charge of ten parishes in the west, two in the east, and one at Cape York. The country is so small that the parishes are from 150 to 200 miles each way. Church attendance is good, the people are thrifty and happy, they are literate and have schools, including normal school and seminary, Sunday schools and young people's societies. Religion is taught in the public schools besides.

Honest Labor Pays

Search For Easy Way Of Living Ends In Failure

Diligent labor in any honest calling is infinitely more profitable than the chase hunting for hidden treasures. Those who are given over to hopeless poverty, both mental and material, are commonly to be found not among the men who do hard labor for their daily bread, but among those who spend their time in moving aimlessly about all sorts of out-of-the-way places, in the hope of some light shining upon an unearned fortune. This kind of fortune does not often turn up; and when it does turn up, it is not usually to the best good of the finder. Half the people who are given over to this kind of looking out for great good fortune never comes, would be enough, if directed into a proper channel, to give them a living of the good which they now seek in vain. Honest work never fails to pay, and is the only kind of work that does pay.

Means A Whole Lot

Personal Appearance Has Much To Do With Success

In London recently 20 unemployed women were paid to be beautiful. A beauty specialist desired to try out a new method of face rejuvenation and set a call to the unemployed office for twenty girls, paying the girls 25 cents an hour for undergoing the 16 to 24 treatments—a easy way of making a living. But the best part of the story has yet to come. When the girls started out, they had no idea of what they found their improved looks a big deal. One woman received an offer of marriage and her daughter, also out of work, received a fine suit and a woman who was 41, looking about thirty now, obtained a new job quickly. Many others had succeeded in finding employment. So after all, one's personal appearance means a whole lot.—St. Thomas Times-Journal.

Money For Great Britain

Carload May Be Shipped From Saskatchewan Via Churchill

Saskatchewan beekeepers are planning to export a carload of honey to Great Britain this season, the shipment to go by way of Churchill. Shipping privileges will be open to Saskatchewan producers who have 500 pounds of honey or more to include in the shipment.

Honey for export must be packed in special 65-pound containers and must be taken to Yorkton or Saltcoats for shipment.

According to R. M. Pugh, provincial apiarist, present indications are that the honey crop will be slightly better this year than last.

Conditions in the east half of the province range from fair to good, although the south and west are too dry.

According to a circular recently issued to beekeepers of the province, wholesale prices in the province should run about 9 cents a pound in 10-pound pails; 9½ cents in 5-pound lots and 10 cents in 2½ pound pails. Retail prices suggested are 20 per cent. above the wholesale price.

Prices suggested for Saskatchewan are the same as those in Manitoba.

In Alberta, wholesale price is \$1.15 for 10 pounds.

London claims to have the world's best cinema organ, in that installed in the new television broadcasting station at a cost of \$50,000.

Tokyo has \$3,875,667 people, according to Japan's last census.

Sir Herbert Ames Expresses Confidence That The League Will Come Back

Farm Has No Soil

Fertility And Nutrient Provided By Vital Of Chemicals

A rejected farm that needs no soil but gets its fertility and nutrient from a vital of chemicals was exhibited at Berkeley, Cal., by Prof. W. P. Gerick, University of California experimenter.

Dust storms, drought, unseasonable rains, hail and insect pests are harmless to Prof. Gerick's futuristic ranch. The farm not only needs no soil, but has no use for rainfall and requires but very little space. It holds the answer, the Berkeley scholar believes, to all the problems that worry the American farmer.

Dr. Gerick picked a tomato and red and as juicy as a county fair prize exhibit from a vine that has its roots in sand.

He plucked a large white gardenia, perfectly formed and fragrant from a plant that sprouted from a tank of water.

Prof. Gerick visualizes complete, large scale farming in which crops will be grown in shallow water-tanks, protected by wire netting.

The danger of soil exhaustion, now a major problem in American agriculture, would be eliminated by the simple expedient of replacing used chemicals in the water with fresh supplies.

Grass would be sown in a bed of sawdust or excelsior placed over the tanks, their roots taking the nutrient from the water below.

Gangster Of Free World

Fig Tree Native Of Florida Strangles Even Ape

A gangster of the tree world is described by Dr. John K. Small, chief research associate of the New York Botanical Garden. This alyon tree is the strangling fig tree, and in this country is native to Florida. Its botanical name is Ficus aurea. The fitting climax to the career of this gangster tree comes when, after strangling another tree upon which it was a parasite, it then strangles itself.

Not the least peculiar fact as to this strangling fig tree, states Dr. Small, is that it can live a simple life anchored in the ground, entirely independent of other trees. It can, however, change over and become a parasite and take its nourishment from other trees. Its seed can sprout through the ground or at any point on the trunk of another tree. In the latter case it may send out roots to the ground or other points on the host tree. In some cases these roots reach out to neighboring trees, and it may transfer itself from the first host to the second, and so on. Any tree upon which the stranger takes root is doomed. Even a giant live oak is its easy prey. When it starts its parasite life its root spreads around the trunk of the host tree like a grapevine tendril, and then a multitude of roots reach out to the trunk and develop.—New York Herald Tribune.

Regent's Park In London Has Twenty Thousand Rose Plants And 150 Varieties

Regent's park in London has had a fine rose garden for five years. It was enlarged this year by sixteen beds. It contains 20,000 rose plants and 150 varieties. Climbing roses on a pergola are one of the new features. Newspapers from England say that the rose garden was at its best about the first of July.

The roses are all of British production. To help rose lovers identify the many varieties a special catalogue has been prepared listing the roses in the various beds and describing their peculiarities. This is supplied without charge to those who apply for it.

Nature abounds with beautiful things, but none can excel the flower beds in Regent's park when at its best.—Toronto Star Weekly.

Had To Be Investigated

Live Potato Beetle Found At Port Of London

A live potato beetle, arriving at the Port of London on a boat from Montreal was a matter for enquiry in the British House of Commons recently. Mr. Ellis, Minister of Agriculture assured the members that after finding the specimen among some new corn at the wharf, search was made of the vessel without result. It was at first reported that the beetle was found in May when it was made the risk of distribution greater.

Australian aborigines constantly carry the skull of their nearest and dearest dead relative, for use as a drinking cup.

British exports to import 25,000 cigars from Havana this year.

Smart Pull-ons Crocheted Lengthwise

Household Arts by Alice Brooks

These gloves are crocheted "not round and round," but lengthwise. Two identical pieces in a simple stitch are whipped together with contrasting yarn in the decorative "T" and "L" details. Make in 1/2 yam or string.

To obtain this pattern send 20 cents in stamps or coin (coin preferred) to: Wincing Artists Dept., Wincing Newspaper Union, 175 McDermott Ave. E., Winnipeg.

PATTERN 5676

Here's a job for you—easy in the making—pleasant in the wearing. These gloves are crocheted "not round and round," but lengthwise. Two identical pieces in a simple stitch are whipped together with contrasting yarn in the decorative "T" and "L" details. Make in 1/2 yam or string.

In pattern 5676 you will find directions for making these gloves; an illustration of them and of all stitches needed; material requirements; and a list of dealers.

There is no Alice Brooks pattern book published

THE EMPRESS EXPRESS

Published in the interests of
Empress and District
Subscription price \$2.00 per
year in any part of Canada
or Great Britain
\$2.50 to the United States
R. S. Sexton Editor A. Hunkin
Proprietors

Thursday, Aug. 27th, 1936

Mrs. M. Sherrin, of Calgary,
has been visiting with Mr. E.
Saunders.

Ivan Bowler is putting a full
cement basement under his
house, and later on intends to
stucco it.

The regular meeting of the
Ladies' Aid will be held at the
home of Mrs. Bell on Thursday
September 3rd at 3 p.m.

Mrs. LeFevre, of Buff
Alta, was admitted as a patient
to the hospital, on Tuesday
"Scouty" Baines brought her
to Empress by car.

The first coal drag of the season
arrived in the local C.P.R.
yards on Tuesday night. Crews
will be located here for the
season's run.

W. R. Brodie is extending the
size of his store basement
and putting in a concrete wall.
He is also installing furnace
heat in the store.

Rev. and Mrs. J. S. Parkes,
and baby son, left on Monday
by car for a vacation visit to
the home of the former's par-
ents at Saltcoats, Sask.

Mr. and Mrs. Frank Pawlak,
Sr., Bill Matz, and son, and Ro-
man Pawlak, left on Wednes-
day for Minneapolis, having
had word of the critical illness
of Mr. Matz, Sr.

Dr. McNeill has been busy
this past two weeks supervising
the erection of a light and
power line across the railroad
to the residence of Mr.
and Mrs. E. A. McKee and also
to the new C.P.R. bunk house.

Rev. Father Foote, of Coal-
hurst, Alta., arrived in town
last week. He will take the
place of the Rev. Leo Sullivan
who is at present away on a
vacation trip. Father Sullivan
will go from here to Cowley,
Alta., where he will have
charge of the Mission.

The last ball game of the season
will be played on the local
diamond between Estuary and
Empress, Labor Day, Monday
Sept. 7. The game will be at

lived with a dance in the
theatre.

Bill Crocker, Jr., was success-
ful in obtaining work in the
harvest fields at Hobbema,
Alta. There is a very good crop
in that district, it is reported.

Mr. and Mrs. Don MacRae,
Gloria and Duane, were visit-
ors in Medicine Hat, the first
part of the week. Miss Lilian
Westerg, accompanied them
to re-write some of her depart-
ment examination subjects.

Jack McNeill left by car for
Boscon, on Saturday. He ar-
rived back on Sunday accom-
panied by Mrs. McNeill and
daughters Florence and Jean.
He had been visiting with Mr.
and Mrs. N. Wessels and family
at his home, following a vaca-
tion at Buff and Calgary.

A Merry Time Was Had

An enjoyable dance was held
in the theatre on Friday even-
ing. There was a good attend-
ance with a fair sprinkling of
dancers from the district. Koly's
orchestra rendered the
music. D. Macaulay was floor
manager. The dance concluded
at 2 a.m. after a merry time.

Change in the Hour of Service

Service will be held in the
United Church at 7:30 p.m. in-
stead of 11:30 a.m. The holiday
season is over, and no invitation
is extended to all to join us in
the evening worship. Why not
make next Sunday night, family
night at the United Church?

Card of Thanks

To Theatre Patrons and
Friends—I would express at
this time my appreciation of the
help and patronage accorded
me in my operation of the Em-
press theatre during a trying
period of years, and would still
sit a continuance of this good
will in its future operation.

—A. Hunkin

It Is Up To Us

Very readily we agree that
the laws of the present system
inevitably produce certain re-
sults; it is just because the

results are so disastrous that
we challenge the system and
urge that financial as well as
other systems are made for
man and not man for systems.
If a system inevitably brings
disastrous results, it is surely
up to us to frame another. New
roads of transit generally de-
mand new tracks, and it will
not be strange if new industrial
developments demand new fi-
nancial roadways for their oper-
ation. So we turn to a closer
examination of money, which
is the mechanism of distribu-
tion and exchange, and probe
for the causes of its failure to
function with satisfactory re-
sults. Dr. H. C. J. Johnson,
Dean of Canterbury.

Estimates of the
Saskatchewan Wheat Crop

The Saskatchewan Wheat
Pools' survey of possible pro-
duction of that province sug-
gests a wheat crop of less than
11 million bushels. This is the
lowest of the current season. Saskatch-
ewan has never raised

To Our Subscribers
and Others

Freighted by circumstances over
which we have no control,
we are leaving town for some
considerable time, at least. We
have carried a considerable
number of subscribers over a
period. To those who are able
to remit us an amount of their
obligations, or might have other
small bills owing, it will be ap-
preciated. To others, who can-
not, it will be appreciated at
some future time. A dollar
does not mean much to the in-
dividual, but when sent in col-
lectively may amount to a con-
siderable sum to us.

We thoroughly appreciate
the support and goodwill that
has been shown us during our
long residence here, and our
departure from your midst at
this time, is one that gives rise
to many regrets, and is a big
wrench. Our hopes and wishes
are for the future success and
prosperity of the people of the
town and district, and that
their work and endeavors may
meet with merited success.

Our policy has always been
to strive for and further any
particular program or policy
which in our judgement we
considered would help the

best interests of the majority
of our people. At times, un-
doubtedly, we may have made
mistakes, but for these we plead
the fallibility of the human
makeup.

We are unable at this present

juncture to make any announce-
ment re future issues of this
paper but are hoping that ar-
rangements may be made to
carry on.
—The Publishers, E. S. Sexton
and A. Hunkin

NOW A NEW
BIGGER BARMORE SOAP AT
NO EXTRA COST

The new Sunlight Soap is the same pure,
quick-dissolving soap that has lightened the every-
day burden of millions of housewives... the only
soap with a \$5.00 guarantee of purity... easy
on the clothes and hands. Ask your dealer for the
new, larger Sunlight bar and save money.

Now a bigger bar in
a single carton. The 4
small bars in one car-
ton will no longer be
obtainable.

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LEVER BROTHERS LIMITED

Private Sale
of Household Goods

Dining Room Table
Kitchen Table
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Folding Bed
Buffet, with Bevel Mirror
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2 Aladdin Lamps
2 Glass Lamps
Crockets, Crockery
Child's Sleigh, practically new
Stove Board
A few Sealers of Fruit
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Soft Water Barrel
Books, etc.
Post-hole auger
A number of Small Household
Goods
Late Model 'T' Ford Sedan in
good condition.

Apply at Residence
Mrs. E. S. Sexton

FLOUR

CAR of ROYAL HOUSEHOLD
FLOUR to arrive Tuesday, Septem-
ber 1st. Before buying your Flour
for the Season's requirements get our
quotations off car.

The Fruit Season is Now On!
We have a shipment of Washington
Elberta Peaches in stock and the price
is right.

Leave your order for all other FRUITS
during the NEXT WEEK as the height
of the Season will be in the next ten days.

W. R. BRODIE

WE SOLICIT YOUR CUSTOM for
GROCERIES, FRESH FRUITS

- and -
Vegetables in Season

DON. MacRAE

Leave Your Orders With Us

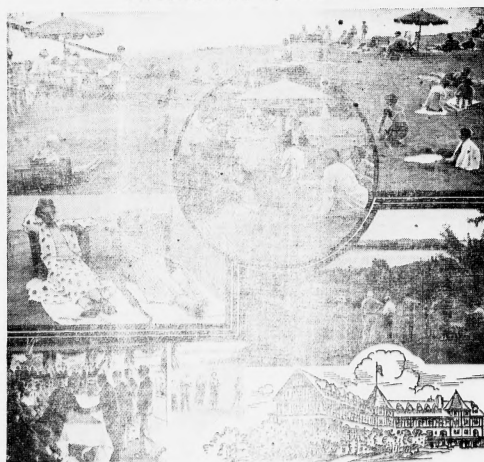
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COUNTER
CHECK

BOOKS

Let us know your requirements

St. Andrews-by-the-Sea



The growing popularity of
beautiful St. Andrews-by-the-
Sea, N.B., was shown this year
by the great increase of visitors
during July. Treatment some-
times from all over the world
spent happy days in the dis-
tinct resort, getting, swimming,
fishing, sailing, playing tennis,
dancing, or just basking in the sun
on the warm sand of Koly's Cove,
sections of which are now being
developed into a beautiful res-
ort. The hotel and grounds have
been built at a cost of \$100,000
and will be ready for the season
opening in September. The hotel
will be a help to the hotel in-
dustry of the town and the first

The recent visit of President
Roosevelt of the United States to
the district has attracted great
interest to his summer home at
Campello Island. Many Amer-
ican visitors have been at St. An-
drews-by-the-Sea for the season.
Another popular spot has been
the Casino, where dancing and
pleasure shows provide entertainment.

Dr. A. K. McNeill
(Dr. H. A. MacNeil)

Physician and
Surgeon
Phone 44

Office - - - - - Centre

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Dr. DOWLER
Thursdays and Fridays
Arriving on Wednesday night
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(Opposite Hotel)
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Saturdays, Mondays and Tuesdays
Private on Wednesdays

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Tasty Dishes

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Corn Beef, Sausages,

Burns' Shamrock

Brand Bacon

and

Cooked Hams

Patronize Your Local Butcher